

Star TUP500 Series

The Fast, Compact Kiosk Printing Solution Available in Modular or Open Frame Formats



Product Highlights

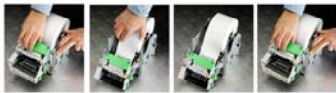
- High speed at up to 220mm per second quality thermal barcode, receipt, label, ticket and virtual A4 kiosk printing solution
- New Flashing Snout / Paper Exit Guide
- Reduced Top Margin
- Easy Load

Tup500top

Tup5001



The new TUP500 completes the TUP Series by providing fast 45 – 82.5mm wide output at up to 220 mm/second with a default speed of 180 mm/second for use with 25cm high capacity paper roll option or 18cm paper rolls in vertical mode.



Simple, yet so effective paper loading - simply lift and tilt the mechanism forward and insert the paper for automatic paper loading.

Tup paper loading

Compact footprint of just 160mm x 234.1mm.



Star Communication flexibility - In order to provide the most cost-effective solution, all TUP models are supplied without interface with low cost Ethernet, USB and traditional interface options.

Tup paper loading

Star and the Environment Star takes its responsibilities very seriously and is always endeavouring to reduce any environmental damage from reducing packaging etc. to producing printers with lower CO₂ emissions. The TUP900 is an alternative to the traditional A4 printer with reduced paper usage and low CO₂ emissions while the new TUP500 features a low peak current mode as well as reduced Top Margin. This, along with Star's recommendation to using the reduced line spacing, can reduce the paper used by over 25%! The **Document capture / Anti-Litter mode** for internal storage of unwanted output via the presenter's capture feature (timed or software controllable) completes the green package for Star's Open Frame kiosk printers.



Tup 500 snout

TUP500 Printer Specifications

Mechanism – TMP542 & Cutter

Print Method	Direct Thermal Line Printing
Print Speed	up to 220mm per second (180 default speed for paper rolls larger than 15cm)
Top Margin	11mm (3mm selectable)
Print Resolution	8 x 8 dots / mm (203 dpi)
Paper Feed Speed	up to 220mm / second
Paper Specifications:	
Width	Min. 45 mm to Max. 82.5mm
Media	Thermal Paper Rolls
2 colour printing	Special thermal paper required
Thickness	65g/m ² ~ 150g/m ² / 0.065 ~ 0.15mm
Roll Diameter	15cm / 6" standard with 25cm / 10" option (RHU-T500)
Paper Sensors	Black Mark / Paper End / Paper Low Sensors as standard
Autocutter	Full or Partial Cut (guillotine) Full Cut only with Presenter PR500 and TUP592
Autocutter Life	up to 1 million cuts
Reliability	60 million lines MCBF
Control Board TBD500	
Flash ROM / SRAM	16 Mbit / 2 x 2 Mbit Static RAM
Logo Store	Enabled
Emulations	Star Line & Page Mode, ESC/POS™
Code Pages	Star Mode = 40, ESC/POS™ Mode = 6 & 1 blank
Bar Code	UPC-A, UPC-E, JAN/EAN-8 JAN/EAN-13, ITF, CODE39, CODE93, CODE128, CODABAR (NW-7), PDF417
Drivers	Windows 2000 / XP / XP Embedded / WePOS / Vista™ / CE, Linux™, Mac OS X™, Windows 98 / ME / NT4 (download only) OPOS™, Java-PoS™, CUPS™, POS.Net™, USB Vendor Class, Star IO, Scalable Raster Driver

Presenter Unit – PR500

Driving Motor	1 DC motor
Paper Loop	Upper Side Loop
Ejecting Speed	300mm/s
Paper thickness	65g/m ² ~ 150g/m ² / 0.065 ~ 0.15mm
Paper length	75mm to 300mm with Journal Mode for End-of-Day reporting
Paper Width	45 to 82.5mm
Life	up to 1 million receipts
Interface	TUP500 & TUP592 supplied without interface
Interface Options	Ethernet (IFBD-HE05), USB (IFBD-HU05), Parallel (HC03), Serial RS232C (HD03), 9-pin Serial RS232 (HN03)

Power Supply – PS60

Supply Voltage	24V DC, (59 (W) x 32 (H) x 146 (L) mm)
Input Voltage	100V (-10%) to 240V (+10%)

TUP592 Open Frame System

Overall Dimensions	160 (W) x 234.1 (D) x 179 (H) mm
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Front page description under Kiosk Printers

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